



N Male Right Angle to N Male Cable Using PE-SR401FL Coax , LF Solder

RF Cable Assemblies Technical Data Sheet

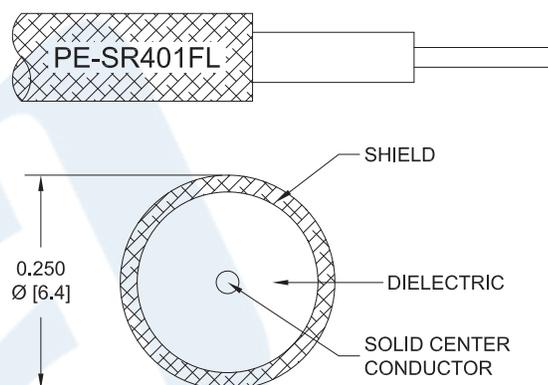
PE3W01299LF

Configuration

- Connector 1: N Male Right Angle
- Connector 2: N Male
- Cable Type: PE-SR401FL

Features

- Shielding Effectivity > 100 dB
- 69.5% Phase Velocity



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W01299LF type N male right angle to type N male cable using PE-SR401FL coax is part of our full line of RF components available for same-day shipping. Pasternack's formable RF cable assemblies provide an alternative to costly pre-formed semi-rigid assemblies since they are hand formable. This Pasternack type N to type N cable assembly has a male to male gender configuration with 50 ohm formable PE-SR401FL coax. The right angle type N interface on the PE-SR401FL cable allows for easier connections in tight spaces.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		69.5		%
RF Shielding	100			dB
Capacitance		29.6 [97.11]		pF/ft [pF/m]
DC Resistance Inner Conductor		2.5 [8.2]		$\Omega/1000\text{ft}$ [Ω/Km]
DC Resistance Outer Conductor		8 [26.25]		$\Omega/1000\text{ft}$ [Ω/Km]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle to N Male Cable Using PE-SR401FL Coax , LF Solder PE3W01299LF](#)



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Mechanical Specifications

Cable Assembly

Weight 0.451 lbs [204.57 g]

Cable

Cable Type PE-SR401FL
 Impedance 50 Ohms
 Inner Conductor Type Solid
 Inner Conductor Material and Plating Copper, Silver
 Dielectric Type PTFE
 Number of Shields 1
 Outer Conductor Material and Plating Tinned Copper Braid
 One Time Minimum Bend Radius 0.75 in [19.05 mm]

Connectors

Description	Connector 1	Connector 2
Type	N Male Right Angle	N Male
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30μ in. minimum	
Dielectric Type	Teflon	Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100μ in. minimum	
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	100μ in. minimum	

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration:

PE3W01299LF - xx uu

Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number

Example: PE3W01299LF-12 = 12 inches long cable
PE3W01299LF-100cm = 100 cm long cable

N Male Right Angle to N Male Cable Using PE-SR401FL Coax , LF Solder from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

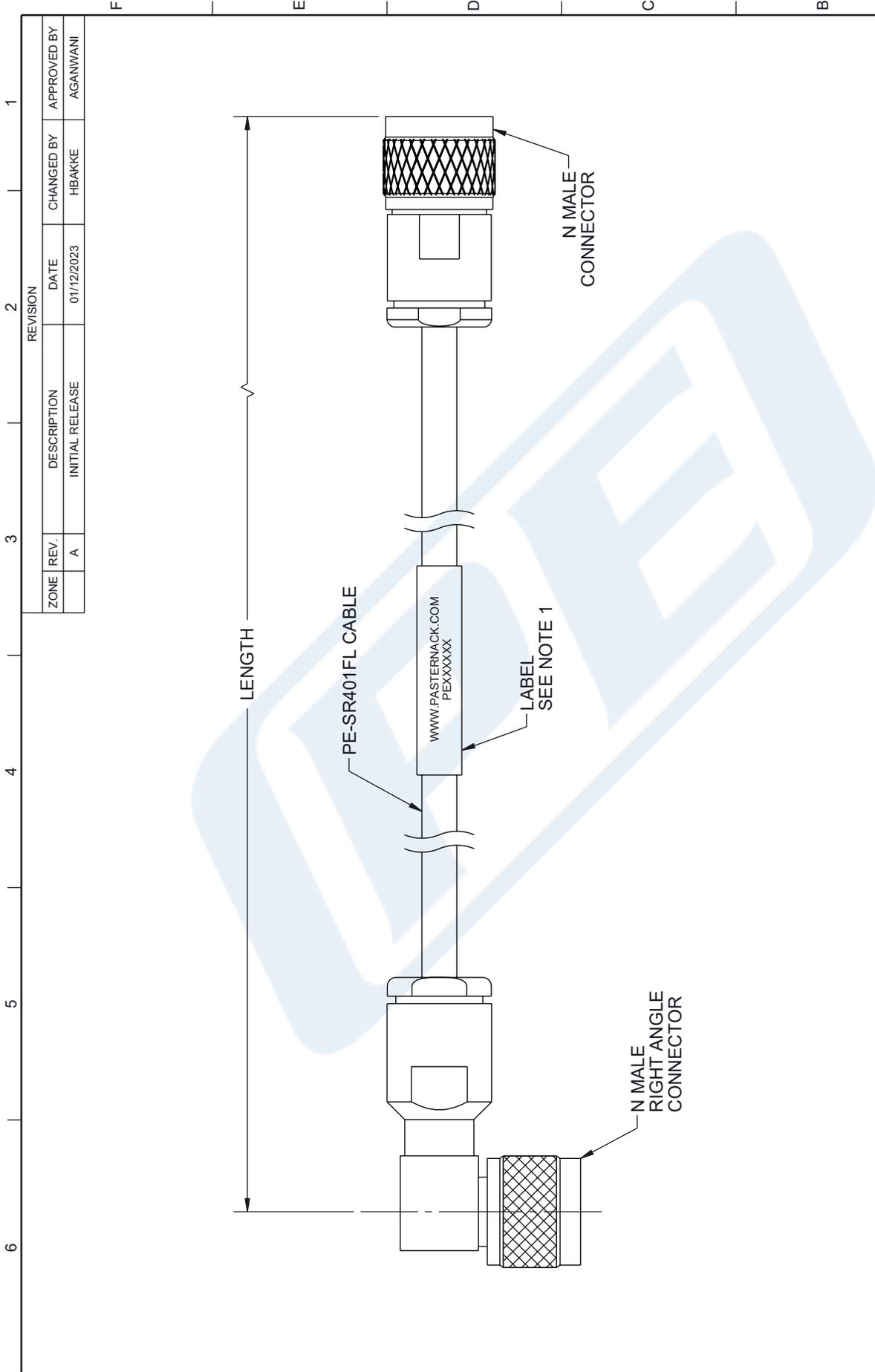
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URL: <https://www.pasternack.com/n-male-right-angle-to-n-male-cable-using-pe-sr401fl-lf-solder-pe3w01299lf-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE3W01299LF CAD Drawing

N Male Right Angle to N Male Cable Using PE-SR401FL Coax , LF Solder



PE PASTERNAK an INFINITO brand Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1
DESCRIPTION: N MALE RIGHT ANGLE TO N MALE CABLE USING PE-SR401FL COAX , LF SOLDER		
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS TOLERANCES: X = ±.2 [.5] FRACTIONS ± 1/32 .XX = ±.02 [.5] ANGLES ± 1° .XXX = ±.005 [.13] CABLE LENGTH TOLERANCES: >12 [305] = +1 [25] / -0 >60 [1524] = +2 [51] / -0 >60 [1524] ≤ 120 [3048] = +4 [102] / -0 >120 [3048] ≤ 300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0	SIZE: A CAGE CODE: 53919 DRAWN BY: HBAKKE ITEM NO.: PE3W01299LF	REV: A

NOTES:
 1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
 2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

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